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- B1
1. A method of decoding video containing predicted frames, comprising the steps of:
    - (a) decoding a first macroblock of a first predicted frame at a first resolution and decoding a second macroblock of said first predicted frame at a second resolution greater than said first resolution.
  2. The method of claim 1, wherein:
    - (a) said macroblocks have associated motion vectors.
  3. The method of claim 1, wherein:
    - (a) said video is MPEG encoded; and
    - (b) said predicted frames are P frames.
  4. The method of claim 1, wherein:
    - (a) said first macroblock has high frequency component energy less than a threshold and said second macroblock has high frequency component energy greater than said threshold.
  5. The method of claim 2, wherein:
    - (a) said decoding of said second macroblock includes upsampling of a stored reference macroblock.